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05-31-01

790001-2004

PTO/SB/05 (11/00)

Approved for use through 10/31/2002. OMB 0651-0032

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A

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(~~Original~~ New nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	790001-2004
First Inventor	Hiroyuki Yano
Title	Manufacturing Method of Semiconductor Device
Express Mail Label No.	EL742673934US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 41]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s)(35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 2]
 Newly executed (original or copy)
 Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. Computer Readable Form (CFR)
 - b. Specification sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

JC929 U.S. PRO
09/07/0085

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document) (3 pages)
10. 37 CFR 3.73(b) Statement
 Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
 Applicant must attach from PTO/SB/35 or its equivalent.
17. Other: **Claim of Priority**

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ /
Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20999 (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
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Name **FROMMER, LAWRENCE & HAUG LLP**

Name (Print/Type)	Grace L. Pan, Esq.	Registration No. (Attorney/Agent)	39,440
Signature	<i>Grace L. Pan</i>	Date	May 30, 2001

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 2000.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete Known

TOTAL AMOUNT OF PAYMENT	(\\$)	Application Number	Not Yet Known
		Filing Date	May 30, 2001
		First Named Inventor	Hiroyuki Yano
		Examiner Name	Not Yet Known
		Group/Art Unit	Not Yet Known
		Attorney Docket No.	790001-2004

METHOD OF PAYMENT

1.

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Frommer Lawrence & Haug LLP

50-0320

Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2.

Payment Enclosed

Check Money Order Other

FEE CALCULATION

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205		Surcharge - late filing fee or oath	0
127	50	227	25	Surcharge - late provisional filing fee or Cover sheet	0
139	130	139	130	Non-English specification	0
147	2,520	147	2,520	For filing a request of reexamination	0
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0
115	110	215	55	Extension for reply within first month	0
116	390	216	195	Extension for reply within second month	0
117	890	217	445	Extension for reply within third month	0
118	1,390	218	695	Extension for reply within fourth Month	0
128	1,890	228	945	Extension for reply within fifth month	0
119	310	219	160	Notice of Appeal	0
120	310	220	155	Filing a brief in support of an appeal	0
121	270	221	135	Request for oral hearing	0
138	1,510	138	1,510	Petition to institute a public use Proceeding	0
140	110	240	55	Petition to revive - unavoidable	0
141	1,240	241	620	Petition to revive- unintentional	0
142	1,240	242	620	Utility issue fee (or reissue)	0
143	440	243	220	Design issue fee	0
144	600	244	300	Plant issue fee	0
122	130	122	130	Petitions to the Commissioner	0
123	50	123	50	Petitions related to provisional Applications	0
126	240	126	240	Submission of Information Disclosure Statement	0
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	0
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	0
Other fee (specify)					0
Other fee (specify)					0
				SUBTOTAL (3)	\$40.00

* Reduced by Basic Filing Fee

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Grace L. Pan, Esq.	Reg. Number	39,440
Signature		Date	5/30/01
		Deposit Account	50-0320

CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No. : 790001-2004

Title : **MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE**

Filed : May 30, 2001

Applicants : Yano et al.

Mailed : Via Express Mail Label # EL742673934US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

EDWARD NAY
Typed/printed name of person mailing paper or fee


Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

TITLE: MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

INVENTORS: Hiroyuki Yano et al.

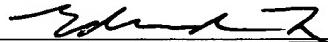
- 34 Pages Specification
22 Claims (pages 35 to 40, including 5 independent claims)
24 Figures (8 sheets)(Figs. 1A, 1B, 1C, 2A, 2B, 2C, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 4A, 4B, 4C, 5A, 5B, 5C, 5D, 5E, 5F, 5G and 6)
1 Page Abstract (p. 41)

EXPRESS MAIL

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Date of Deposit: May 30, 2001

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Edgar H. Haug
(Typed or printed name of person mailing paper or fee)

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